R^4 and R^5 are independently selected from the group consisting of H, C_1-C_6 alkyl, phenyl, benzyl and C_3-C_7 cycloalkyl, or R^4 and R^5 together are -$(CH_2)_4$-, -$(CH_2)_5$- or -$(CH_2)_2NR^7$-$(CH_2)_2$- and form a ring with the nitrogen to which they are attached;

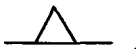
R^6 is independently selected from the group consisting of H, C_1-C_6 alkyl, phenyl, (C_3-C_7)cycloalkyl, (C_3-C_7)cycloalkyl(C_1-C_6)alkyl, (C_1-C_6)alkoxy(C_1-C_6)alkyl, hydroxy(C_1-C_6)alkyl and amino(C_1-C_6)alkyl;

R^7 is H or (C_1-C_6)alkyl;

R^8, R^{10} and R^{11} are independently selected from the group consisting of R^1 and -OR^1, provided that when the optional double bond is present, R^{10} is absent;

R^9 is H, OH, C_1-C_6 alkoxy, halogen or halo(C_1-C_6)alkyl;

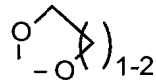
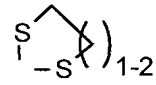
B is -$(CH_2)_{n3}$-, -CH_2-O-, -CH_2S-, -CH_2-NR^6-, -C(O)NR^6-, -NR^6C(O)-,

 , cis or trans -$(CH_2)_{n4}CR^{12}$=$CR^{12a}(CH_2)_{n5}$ or -$(CH_2)_{n4}$C≡C$(CH_2)_{n5}$-,

wherein n_3 is 0-5, n_4 and n_5 are independently 0-2, and R^{12} and R^{12a} are independently selected from the group consisting of H, C_1-C_6 alkyl and halogen;

X is -O- or -NR^6- when the double dotted line represents a single bond, or X is H, -OH or -NHR^{20} when the bond is absent;

Y is =O, =S, (H, H), (H, OH) or (H, C_1-C_6 alkoxy) when the double dotted line represents a single bond, or when the bond is absent, Y is =O, =NOR^{17}, (H, H), (H, OH), (H, SH), (H, C_1-C_6 alkoxy) or (H, -NHR^{45});

R^{15} is absent when the double dotted line represents a single bond; R^{15} is H, C_1-C_6 alkyl, -$NR^{18}R^{19}$ or -OR^{17} when the bond is absent; or Y is  or  and R^{15} is H or C_1-C_6 alkyl;

R^{16} is C_1-C_6 lower alkyl, phenyl or benzyl;

R^{17}, R^{18} and R^{19} are independently selected from the group consisting of H, C_1-C_6 alkyl, phenyl, benzyl;

R^{20} is H, C_1-C_6 alkyl, phenyl, benzyl, -C(O)R^6 or -SO_2R^6;

R^{21} is 1 to 3 substutuents independently selected from the group consisting of hydrogen, CN, -CF_3, -OCF_3, halogen, -NO_2, C_1-C_6 alkyl, C_1-C_6alkoxy, (C_1-C_6)alkylamino, di-((C_1-C_6)alkyl)amino, amino(C_1-C_6)alkyl, (C_1-C_6)-alkylamino(C_1-C_6)alkyl, di-((C_1-C_6)alkyl)-amino(C_1-C_6)alkyl, hydroxy-(C_1-C_6)alkyl, -$COOR^{17}$, -COR^{17}, -$NHCOR^{16}$, -$NHSO_2R^{16}$, -$NHSO_2CH_2CF_3$, heteroaryl or –C(=NOR^{17})R^{18};

R^{22} and R^{23} are independently selected from the group consisting of hydrogen, R^{24}-(C_1-C_{10})alkyl, R^{24}-(C_2-C_{10})alkenyl, R^{24}-(C_2-C_{10})alkynyl, R^{27}-hetero-cycloalkyl, R^{25}-aryl, R^{25}-aryl(C_1-C_6)alkyl, R^{29}-(C_3-C_7)cycloalkyl, R^{29}-(C_3-C_7)cycloalkenyl, -OH,